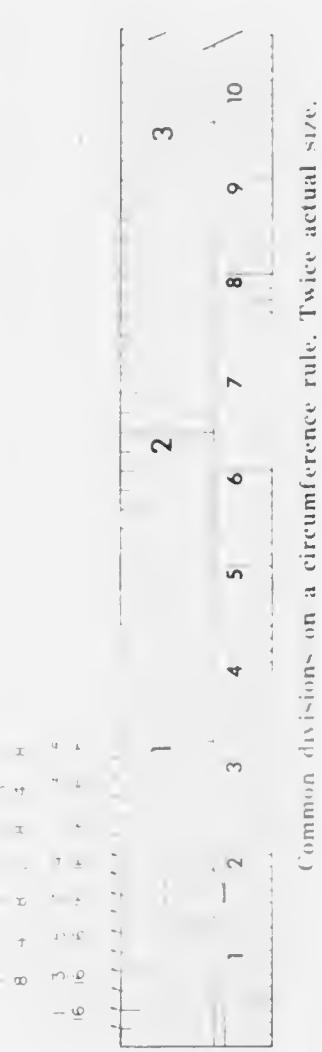


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The skills that you will be learning in Metal Fabrication are vital to the continuing growth of our country.

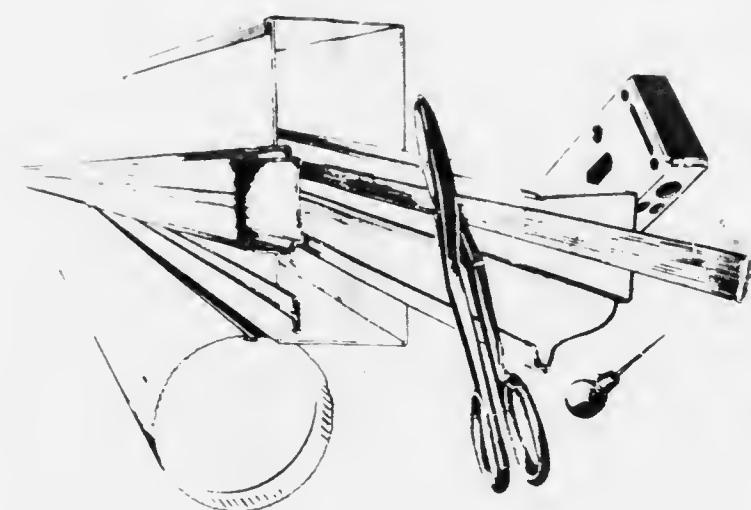


#### *Many types of steel rules are used in Metal Fabrication.*

What does the word "metal fabrication" mean to you? Perhaps you have worked with metal on a general shop basis. On the other hand, you may have had the opportunity to learn about metal fabrication. However, you use something made of metal every day. Metals are used in thousands of different ways, in thousands of different products and structures.

Metal Fabrication is the basis for much of the world's productivity of food, shelter, transportation, and communication. The products of metal technology are made possible because of the unique properties and characteristics of metal.

In metal fabrication, you will find a career that truly suits your interests. People who work with metals design and make the smallest, largest, fastest, most beneficial, and most unusual things we use. In industries that process metals, manufacture metal products, and produce machine tools, they work at many dif-



#### **Metal Fabrication**

*Can lead you to a career in an important, growing industry!*

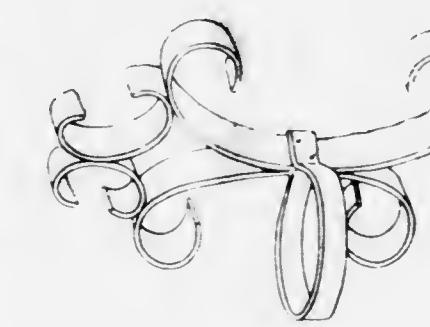
**One out of ten workers in the U. S. is involved in metal work!**

**Factors to Consider In Selecting a Career**

It is entirely possible that you will live and work for 30 to 50 years after completing your formal education. Your living, home, pleasures, happiness, and success will depend to a large extent on the satisfaction and amount of income your job provides. Before making a career choice, it is important to know everything you can about the occupation that you plan as your career.

Get answers to the following questions.

1. How much schooling or college education is required?
2. Will the occupation still exist when you finish your education?
3. How well does the occupation pay?
4. Is steady employment available?
5. Is the work dangerous?
6. Is there opportunity for advancement?
7. What is the chance of starting your own business?
8. What other opportunities, such as teaching, might be available



Metal jobs and activities. A knowledge of metal fabricating can lead to a career in an important growing industry.

Working with metals in the school shop is a good way to discover how much you like metal fabrication and whether a career in metal fabrication appeals to you. There are few substitutes for personal "hands-on" experience with metals and metal fabricating processes. As you make metal products in the shop, you benefit from seeing and feeling how some metals are harder to saw or drill and bend than others.

In the school shop you may operate a metal bending machine for the first time. Bending metal with a power or hand brake or using a shear to cut metal are common operations. You may also electric weld & burn metal with oxy-acetylene torches.

Your experiences in the school shop and the information given you will introduce you to a wide range of activities in the metal fabrication field. Nearly one out of ten workers in the United States is involved with metal work. Conversations with metal fabricators will give you further insight into career possibilities.